

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions of claims in this application.

1. (Currently Amended) A route guide data creation device that acquires travel data transmitted from a vehicle plurality of vehicles that travels on a road travel according to a predetermined travel route and travel time, the travel route including a plurality of stops, and creates route guide data based on the acquired predetermined travel data, comprising:

travel data acquisition means that acquires for respectively acquiring said travel data from each of the plurality of vehicles traveling according to said predetermined travel route over a predetermined period of time;

travel data processing means that receives for receiving data formatted from said travel data into a predetermined input format, calculates calculating an arrival time and departure time at/from each stop for each on said predetermined travel route and for each vehicle [[ID]], and outputs outputting the arrival time and departure time of each vehicle at each stop in a predetermined output format; and

a route guide database that stores route guide data including the departure time and the arrival time of each stop and each vehicle at each stop outputted from said travel data processing means, said route guide data that is stored in said route guide database classified into a plurality of data groups based on conditions at the time when said travel data is acquired and stored.

2. (Currently Amended) A route guide data creation device according to claim 1, wherein the route guide data creation device acquires said travel data about ~~the~~ a first vehicle through ~~the~~ a last vehicle of ~~each~~ said predetermined travel route.

3. (Original) A route guide data creation device according to claim 1 or 2, wherein said input format includes a vehicle ID, a route code, a next stop code, arrival time at a previous stop, and departure time from the previous stop.

4. (Original) A route guide data creation device according to claim 1 or 2, wherein said output format includes a vehicle ID, a route code, a departing stop code, arrival time, arriving stop code, and departure time.

5. (Cancelled)

6. (Previously Presented) A route guide data creation device according to claim 1 or 2, wherein the conditions at the time when said travel data is acquired include weather and/or day, and date.

7. (Currently Amended) A route guide data creation device according to claim 1 or 2, wherein said travel data processing means sorts the acquired travel data into order of a departure

time after sorting the acquired travel data into an order of a vehicle ID and order of a route code, and calculates departing time and arriving time for each section between stops.

8. (Currently Amended) A route guide data creation method for acquiring travel data transmitted from a vehicle plurality of vehicles that travels on a road travel according to a predetermined travel route and travel time, the travel route including a plurality of stops, and creating route guide data based on the acquired predetermined travel data, comprising:
 - a step for acquiring travel data transmitted from each of said plurality of vehicles traveling according to said predetermined travel route over a predetermined period of time, the travel data transmitted from a vehicle that travels on a road;
 - a step for inputting data formatted from formatting the acquired travel data to a predetermined input format into operation processing means;
 - a step for calculating an arrival time and a departure time at/from each stop on said predetermined travel route for each vehicle [[ID]] from said inputted travel data formatted to a predetermined input format;
 - a step for outputting the arrival time and departure time at/from each stop, which are calculated for each vehicle [[ID]], in a predetermined output format; and
 - a step for classifying the route guide data, including the departure time and the arrival time of each vehicle from/at each stop, outputted from said travel data processing means based on the conditions at the time when the travel data is acquired, and storing in a route guide database.

9. (Currently Amended) A route guide data creation method according to claim 8, wherein the step for acquiring said travel data includes a step for acquiring said travel data on a first vehicle through a last vehicle for each said predetermined travel route.

10. (Original) A route guide data creation method according to claim 8 or 9, wherein said input format includes a vehicle ID, a route code, a next stop code, arrival time at a previous stop, and departure time from the previous stop.

11. (Original) A route guide data creation method according to claim 8 or 9, wherein said output format includes a vehicle ID, a route code, a departing stop code, departure time, arriving stop code, and arrival time.

12. (Cancelled)

13. (Previously Presented) A route guide data creation method according to claim 8 or 9, wherein the conditions at the time when the travel data is acquired include weather and/or day, and date.

14. (Currently Amended) A route guide data creation method according to claim 8 or 9, wherein the step for calculating arrival time and departure time at/from each stop for each vehicle

[[ID]] from said inputted travel data includes a step for sorting the acquired travel data into order of departure time after sorting the acquired travel data into order of a vehicle ID and order of a route code, and calculating departing time and arriving time for each section between stops.

15. (Currently Amended) A route guide distribution device, comprising:

a route guide database in which route guide data on a vehicle plurality of vehicles that travels travel on a road according to a predetermined travel route and travel time is stored; and distribution means for distributing a route guide in response to a route guide request from a mobile terminal based on the route guide data stored in said database, said route guide database storing route guide data including arrival time and departure time at/from each stop for each vehicle [[ID]] calculated for each the predetermined travel route based on travel data acquired from [[a]] each vehicle that travels on [[a] the road over a predetermined period of time, said route guide data classified into a plurality of data groups based on conditions at the time when said travel data is acquired.

16. (Currently Amended) A route guide distribution device according to claim 15, wherein said route guide database stores arrival time and departure time at/from each stop for each vehicle [[ID]] calculated for each said predetermined travel route based on travel data acquired from each vehicle from a first vehicle to a last vehicle that travel on a road as route guide data.

17. (Cancelled)

18. (Previously Presented) A route guide distribution device according to claim 16, wherein the conditions at the time when said travel data is acquired include weather and/or day, and date.

19. (Original) A route guide distribution device according to claim 18, wherein said distribution means distributes route guide created by acquiring route guide data corresponding to a condition at the time when route guide request is issued by a mobile terminal from said route guide database.